Fast-Recovery Rectifier Diodes 600V

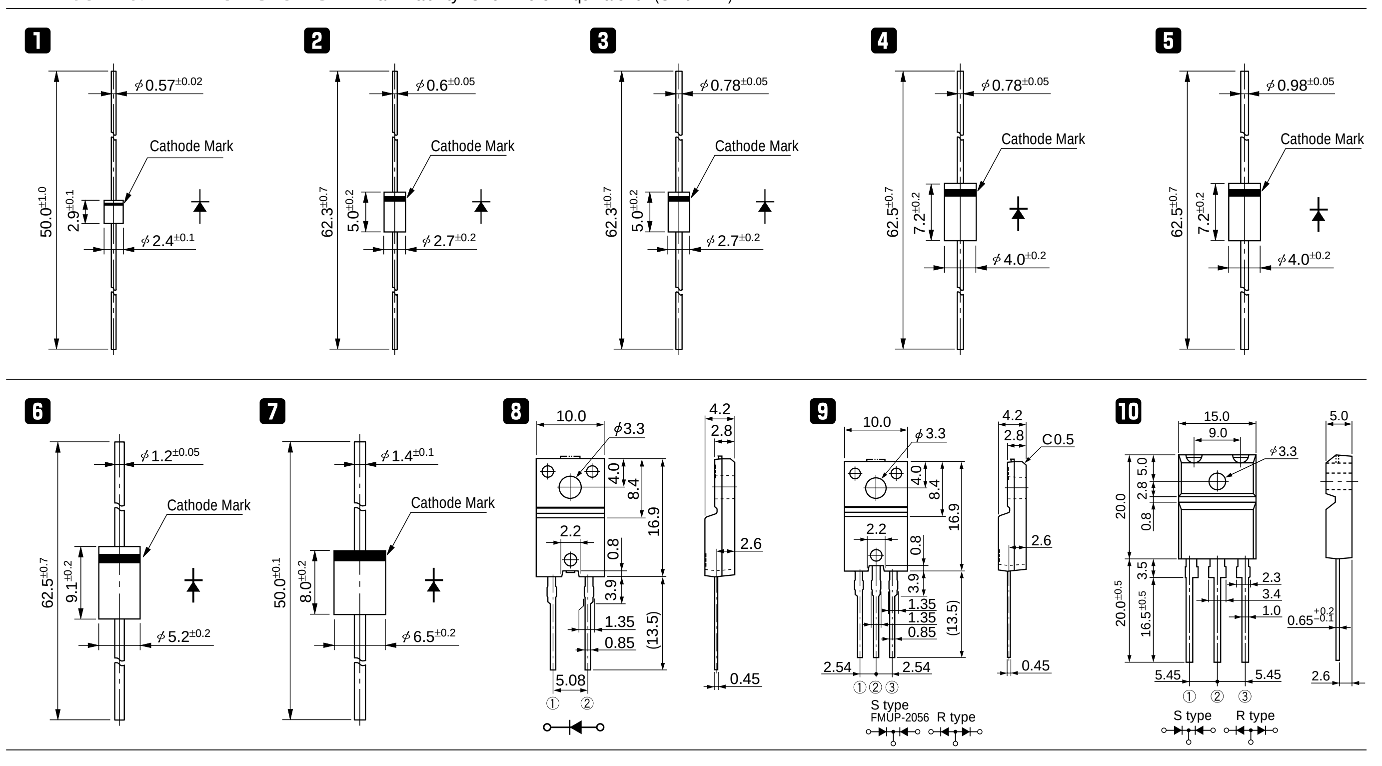
trr ①: IF/IR (=IF) 90% Recovery Point
(ex. IF/IR =100mA/100mA 90% Recovery Point)
trr ②: IF/IR (=2 IF) 75% Recovery Point
(ex. IF/IR =100mA/200mA 75% Recovery Point)

VRM (V)	Package	Part Number	IF (AV) (A) ( ) is with Heatsink	IFSM (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	VF (V) max	IF (A)	IR (µA) VR=VRM max	IR (H) (µA) VR=VRM max	Ta (°C)	trr ① (µs)	IF/IFP (mA)	trr ② (µs)	IF/IFP (mA)	Rth (j-ℓ) Rth (j-c) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
600	Axial	EU01A	0.25	15	–40 to +150		2.5	0.25	10	150	100	0.4	10/10	0.18	10/20	20	0.2	2	55
		EU 1A	0.25	15	–40 to +150		2.5	0.25	10	150	100	0.4	10/10	0.18	10/20	17	0.3	1	56
		RU 1A	0.25	15	–40 to +150		2.5	0.25	10	200	100	0.4	10/10	0.18	10/20	15	0.4	4	58
		AU01A	0.5	15	–40 to +150		1.7	0.5	10	150	100	0.4	10/10	0.18	10/20	22	0.13	1	55
		AS01A	0.6	20	–40 to +150		1.5	0.6	10	50	100	1.5	10/10	0.6	10/20	22	0.13		
		EH 1A	0.6	30	–40 to +150		1.35	0.6	10	200	150	4	10/10	1.3	10/20	17	0.3	3	56
		RF 1A	0.6	15	–40 to +150		2.0	0.6	10	200	100	0.4	10/10	0.18	10/20	15	0.4	4	57
		RH 1A	0.6	35	–40 to +150		1.3	0.6	5	70	150	4	10/10	1.3	10/20	15	0.4		
		ES 1A	0.7	30	–40 to +150		2.5	0.8	10	200	100	1.5	10/10	0.6	10/20	20	0.2	2	56
		ES01A	0.7	30	–40 to +150		2.5	0.8	10	200	100	1.5	10/10	0.6	10/20	20	0.2		55
		RS 1A	0.7	30	–40 to +150		2.5	0.8	10	200	100	1.5	10/10	0.6	10/20	20	0.4	4	57
		AU02A	0.8	25	–40 to +150		1.3	0.8	10	250	100	0.4	10/10	0.18	10/20	22	0.13	1	55
		EU02A	1.0	15	–40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	20	0.2	2	56
		EU 2A	1.0	15	–40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	17	0.3	3	
		RU 2	1.0	20	–40 to +150		1.5	1.0	10	300	100	0.4	10/10	0.18	10/20	15	0.4	4	58
		RU 2AM	1.1	20	–40 to +150		1.2	1.1	10	300	100	0.4	10/10	0.18	10/20	15	0.4		
		RU 20A	1.5	50	–40 to +150		1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	15	0.4		
		RU 3A	1.5	20	–40 to +150		1.5	1.5	10	400	100	0.4	10/10	0.18	10/20	12	0.6	5	59
		RU 3AM	1.5	50	–40 to +150		1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	12	0.6		
		RU 30A	2.0	200	–40 to +150		0.95	2.0	10	300	100	0.4	100/100	0.18	100/200	10	1.0	6	
		RU 31A	3.0	150	–40 to +150		1.2	3.0	50	500	100	0.4	100/100	0.18	100/200	10	1.0		
		RU 4A	1.5 (3.0)	50	–40 to +150		1.5	3.0	10	300	100	0.4	10/10	0.18	10/20	8	1.2	7	60
		RU 4AM	2.0 (3.5)	70	–40 to +150		1.3	3.5	10	300	100	0.4	100/100	0.18	100/200	8	1.2		
	Frame-2Pin	FMUP-1056	5.0	30	–40 to +150		1.25	5.0	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1	8	61
		FMUP-1106	10	40	–40 to +150		1.35	10	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1		
	Center-tap	FMU-16S, R	5.0	30	–40 to +150		1.5	2.5	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1	9	61
		FMUP-2056*	5.0	30	–40 to +150		1.5	2.5	50	500	100 (Tj)	0.4	100/100	0.18	100/200	4.0	2.1		
		FMU-26S, R	10	40	–40 to +150		1.5	5.0	50	500	100	0.4	100/100	0.18	100/200	4.0	2.1		62
		FMU-36S, R	20	80	–40 to +150		1.5	10	50	500	100	0.4	100/100	0.18	100/200	2.0	5.5	10	

*: Under development

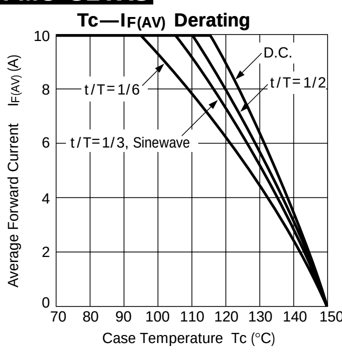
■External Dimensions

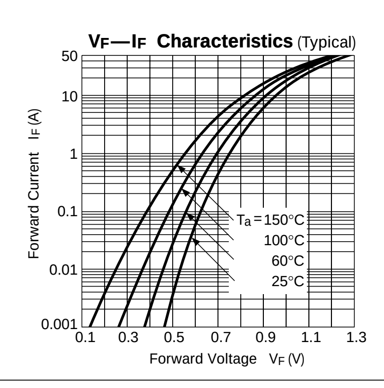
Flammability: UL94V-0 or Equivalent (Unit: mm)

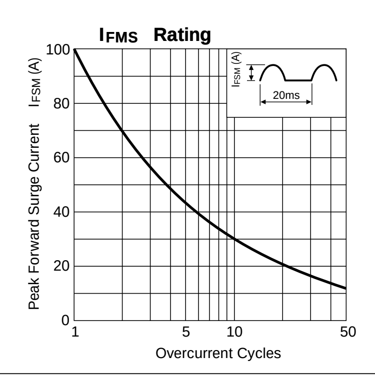


Fast-Recovery Rectifier Diodes

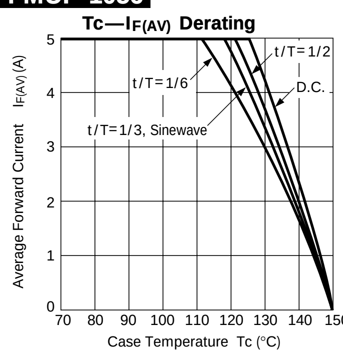
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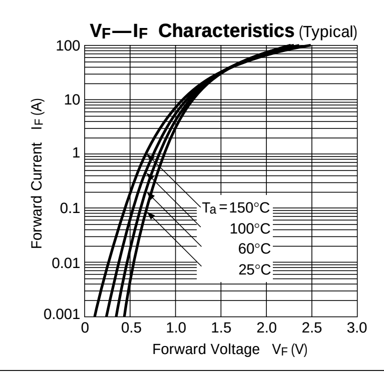


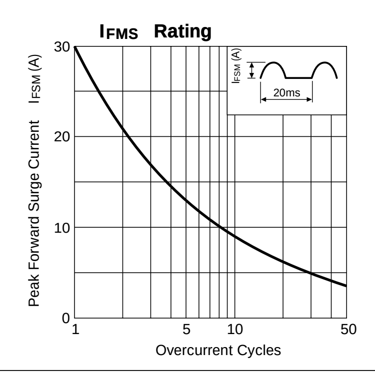




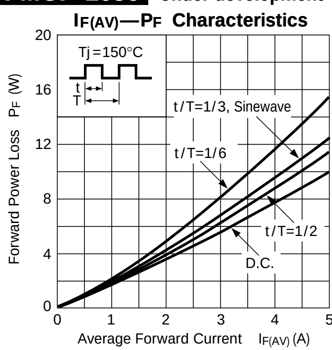
FMUP-1056

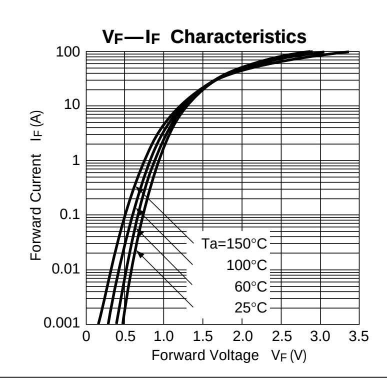


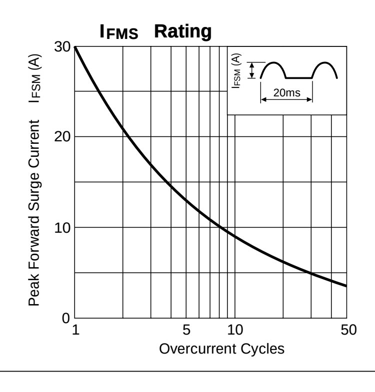




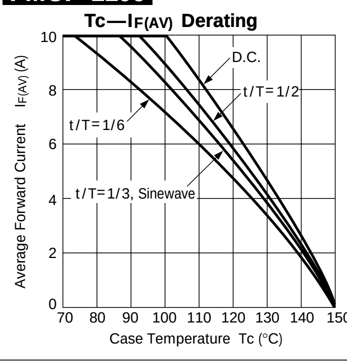
FMUP-2056 Under development

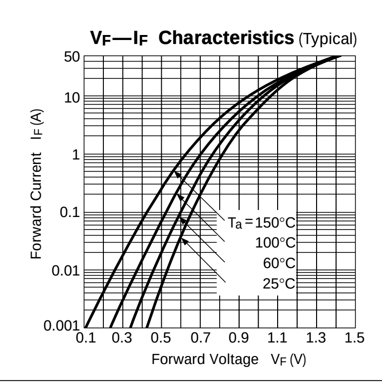


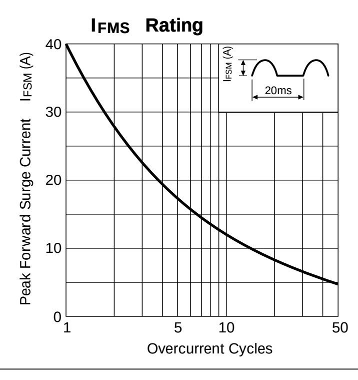




FMUP-1106







FMU-1 series

